

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/10779

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C11B13/02 D21C11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C11B D21C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAPERCHEM

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96 34932 A (POLARGAS AB OY ;AITTA EERO (FI); VARILA ELIAS (FI)) 7 November 1996 (1996-11-07) cited in the application page 2, line 30 -page 3, line 36; claims 1-10; example 3	1,2,6,9
A	---	5-11
A	WO 94 11571 A (LT DYNAMICS OY ;VUORIKARI OLAVI (FI); TANNER TEEMU (FI); KOISTINEN) 26 May 1994 (1994-05-26) the whole document	2
A	WO 98 29524 A (LEINO HANNU JUHANI ;AGA AB (SE)) 9 July 1998 (1998-07-09) cited in the application the whole document	1,2
	---	-/-



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *g* document member of the same patent family

Date of the actual completion of the International search

22 November 2002

Date of mailing of the International search report

02/12/2002

Name and mailing address of the ISA
 European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
 Fax: (+31-70) 340-3016

Authorized officer

Nestby, K

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/10779

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 1 112 617 A (ELECTRIC REDUCTION COMPANY OHC) 8 May 1968 (1968-05-08) the whole document -----	4-6
A	US 2 702 235 A (HOCHMUTH FRANK W) 15 February 1955 (1955-02-15) the whole document -----	4-7

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 02/10779

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 9634932	A 07-11-1996	FI AT BR CA DE DE EP ES WO US	952176 A 181354 T 9608274 A 2220111 A1 69602941 D1 69602941 T2 0827528 A1 2134615 T3 9634932 A1 5898065 A	06-11-1996 15-07-1999 29-06-1999 07-11-1996 22-07-1999 09-12-1999 11-03-1998 01-10-1999 07-11-1996 27-04-1999
WO 9411571	A 26-05-1994	FI FI AT AU CA EP WO US	925106 A 933831 A ,B, 163698 T 5421494 A 2148232 A1 0670000 A1 9411571 A1 5455328 A	11-05-1994 11-05-1994 15-03-1998 08-06-1994 26-05-1994 06-09-1995 26-05-1994 03-10-1995
WO 9829524	A 09-07-1998	FI AU BR EP WO US	965246 A 5323798 A 9714623 A 0948589 A1 9829524 A1 6172183 B1	01-07-1998 31-07-1998 09-05-2000 13-10-1999 09-07-1998 09-01-2001
GB 1112617	A 08-05-1968	NONE		
US 2702235	A 15-02-1955	NONE		